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AMENDMENTS TO THE CLAIMS

1. (currently amended) A process for inhibiting the high temperature corrosivity at temperatures of from 200°C to 420°C of an organic acid-containing petroleum stream, by providing a corrosion prone internal metal equipment surface to be exposed to such organic acid-containing stream with an effective, corrosion-inhibiting amount of phosphorous acid in an essentially non-aqueous environment.

2. (currently amended) The process of claim 1 wherein providing of the phosphorous acid is carried out in the presence of the a petroleum stream that is an acid-containing petroleum stream.

3. (original) The process of claim 1 or 2, wherein the amount of phosphorous is an effective amount of up to 1000 wppm.

4. (currently amended) The process of claim 1 wherein the process is carried out at a temperature ranging from about ambient to below the cracking temperature of the ~~oil~~ petroleum stream.

5. (cancelled)

6. (original) The process of claim 1 wherein the metal is an iron-containing metal.

7. (cancelled)